

Comparisons of Job Characteristics

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)
Associated Occupation: First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	11.3	6.3	<<	Extensive education and/or training may be required
Administration and Management	8.4	11.2	4.4	<<	Extensive education and/or training may be required
Production and Processing	6.0	9.9	6.8	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	8.1	4.2	<<	Extensive education and/or training may be required
Biology	3.7	8.0	4.6	<<	Extensive education and/or training may be required
Food Production	2.1	6.5	5.0	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation: First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Monitoring	9.9	13.1	7.7	<<	Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	12.3	6.7	<<	Extensive development of skills in this area may be required
Time Management	8.9	12.2	6.2	<<	Extensive development of skills in this area may be required

Coordination	9.1	11.9	8.0	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	8.8	3.0	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	8.5	2.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 56			
Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092) Associated Occupation: First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	10.8	7.8	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	8.6	7.6	<	Some improvement in abilities may be required
Time Sharing	6.6	8.5	5.7	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	5.3	5.9	>	Current ability level is likely sufficient
Spatial Orientation	2.7	5.3	5.1	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 90
Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092) Associated Occupation: First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)		
Work Activities	Exclusivity of Activity	
Construct, erect, or repair wooden frameworks or structures	73	
Direct and coordinate activities of workers or staff	3	
Drive automobile, van, or light truck	53	
Drive truck with capacity greater than 3 tons	72	
Examine animals to detect illness, disease, or injury	81	
Fell or buck trees	85	
Follow horticulture irrigation techniques	87	
Identify crop characteristics	75	
Identify fruit or vegetable or crops ready for harvest	87	
Identify livestock characteristics	81	
Maintain or repair farm vehicles, machinery, or mechanical implements	81	
Operate agricultural equipment or machinery	81	
Operate tractor with accessories or attachments	76	

Perform safety inspections in agricultural, forestry, or fishing setting	77
Plant, cultivate, or harvest crops, including aquaculture	80
Recognize disease or parasites in animals	72
Recognize plant diseases	72
Use chain saws	78
Use herbicides, fertilizers, pesticides or related products	71
Use plant disease control techniques	75

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 83

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

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Tools and Technologies	Exclusivity
Agricultural machinery for harvesting	35
Agricultural machinery for planting and seeding	33
Agricultural machinery for soil preparation	35
Audio and visual equipment	4
Compressors	9
Computers	1
Content authoring and editing software	1
Conveyors and accessories	18
Cutting and crimping and punching tools	3
Data management and query software	1
Dispensing tools	6
Dispersing and spraying appliances for agriculture	26
Earth moving machinery	11
Electrochemical measuring instruments and accessories	9
Forestry machinery and equipment	31
Forming tools	2
Garden tools	12
Greenhouse equipment	90
Holding and clamping tools	3
Industrial drying equipment	33
Industrial trucks	10
Information exchange software	1
Lifting equipment and accessories	3
Measuring and layout tools	3
Network applications software	1
Passenger motor vehicles	13
Power generators	16
Power tools	2
Product and material transport vehicles	13

Respiratory protection	6
Specialized and recreational vehicles	17
Temperature and heat measuring instruments	6
Weight measuring instruments	7
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.